

**PATENT APPLICATION TRANSMITTAL LETTER**

**To the Commissioner for Patents:**

Transmitted herewith for filing is the patent application of: Wai Biu Cheng

**FOR: HIGH FIDELITY LOW-ORDER MODELING FOR MULTI-STAGED SEPARATION  
PROCESSES BASED UPON THE COMPARTMENTAL APPROACH**

**Enclosed are:**

1. Combined Declaration and Power of Attorney.
2. Assignment, with Recordation Form Cover Sheet in duplicate, of the invention to ABB Inc.
3. One page cover sheet for patent application, 15 pages of specification, 11 pages of claims), and 1 page of abstract.
4. One drawing figure.
5. Postal card acknowledging receipt for filing



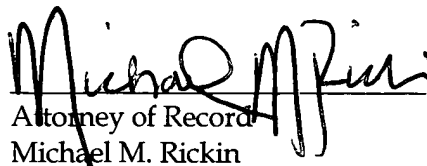
CLAIMS AS FILED	Number Filed	Number Extra	Rate	Fee
Total Claims	12 - 20 =	0	x \$18.00 =	\$ 0.00
Independent Claims	8 - 3 =	5	x \$86.00 =	\$ 430.00
			Basic Fee =	\$ 770.00
			<b>TOTAL FILING FEE:</b>	<b><u>\$ 1200.00</u></b>

Attorney's Docket: E20020390

**Method of Payment of Fees:**

Charge Deposit Account No. 05-0877 in the amount of \$1200.00 to cover the filing fee. A duplicate copy of this Transmittal Letter is enclosed.

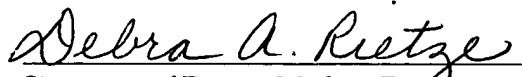
10/27/03  
Date

  
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I hereby certify that this patent application was deposited with the United States Postal Service EXPRESS MAIL NO. ER 017472242 US in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the 27<sup>th</sup> day of October 2003.

Debra A. Rietze

Printed Name of Person Mailing Document

  
Signature of Person Mailing Document